

FIG. 1

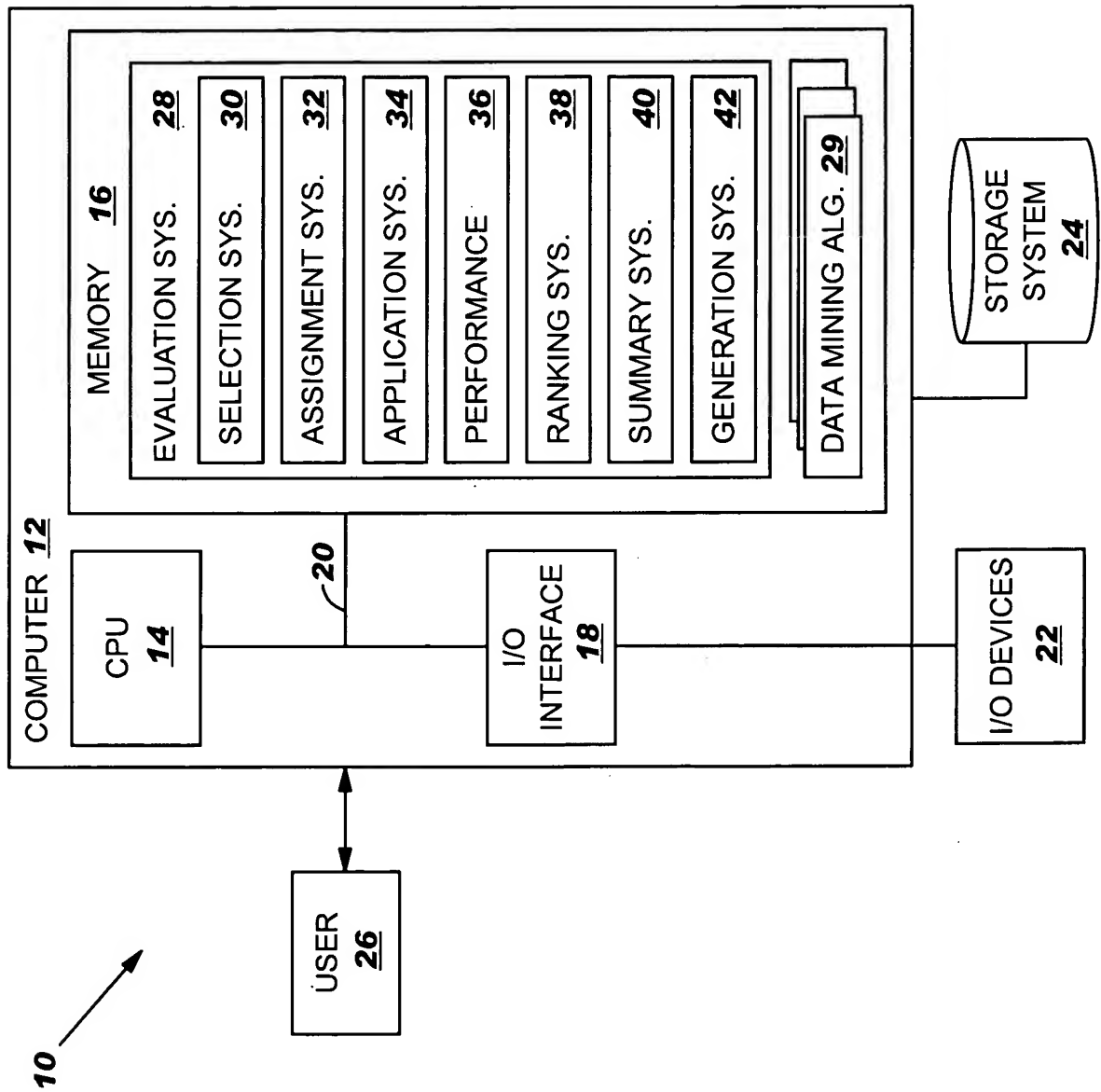


FIG. 2

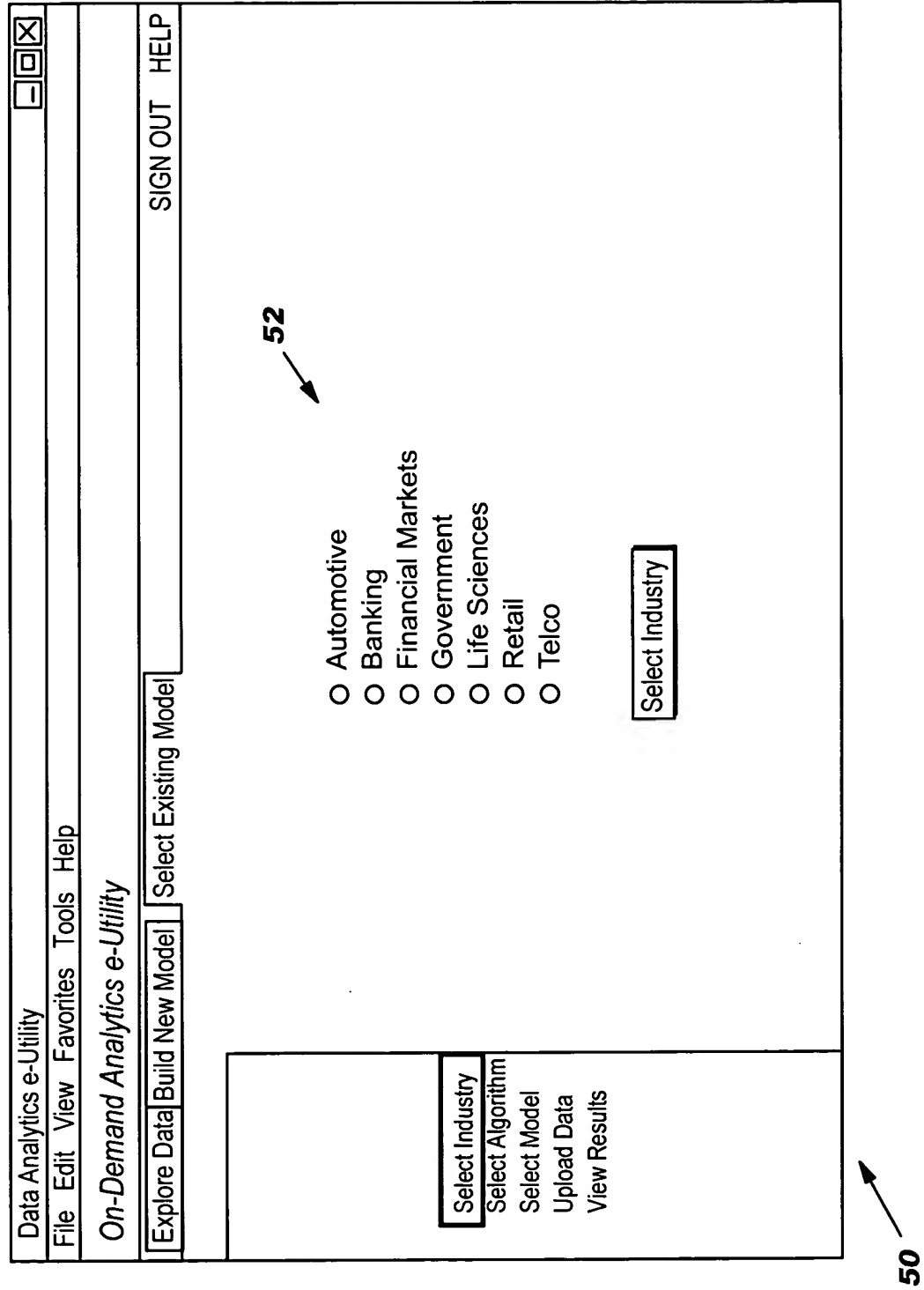


FIG. 3

Data Analytics e-Utility		SIGN OUT HELP	
File Edit View Favorites Tools Help			
On-Demand Analytics e-Utility			
Explore Data Build New Model		Select Existing Model	

Select Industry

Select Algorithm

Select Model

Upload Data

View Results

Your Business Problem

The following is a list of business problems which apply to the Retail industry.
If your business objective matches one of these problems, select it and press next.
Otherwise, select "Other" for a more extensive list of algorithms.

- ☐ I would like to determine which sets of products are purchased together by customers.
- ☐ I would like to group together customers with similar buying behavior.
- ☐ I would like to determine if a transaction is valid or a fraud.
- ☐ Other

Back

Select Business Problem

3/6
RSW920030185US1

54

56

FIG. 4

Data Analytics e-Utility

File Edit View Favorites Tools Help

On-Demand Analytics e-Utility

Explore Data

Build New Model

Select Existing Model

SIGN OUT HELP

62

Basic

Advanced

Input data

Input fields

Field parameters

Filters

Settings

Model goal

Misclassification Cost

Actual	Predicted	Explanation	Cost				
Y	N	The actual value of diseased is Y, but the model predicted a value of N	1 O least acceptable	2 O	3 O	4 O	5 O most acceptable
N	Y	The actual value of diseased is N, but the model predicted a value of Y	1 O least acceptable	2 O	3 O	4 O	5 O most acceptable

Select Industry

Select Algorithm

Upload Data

Set Parameters

View Results

Back

Generate Model

FIG. 5

ACTUAL	PREDICTED	ERROR	WEIGHT
A	A	NO	
A	B	YES	0.8
A	C	YES	0.7
B	A	YES	0.8
B	B	NO	
B	C	YES	1.0
C	A	YES	0.3
C	B	YES	0.3
C	C	NO	

64

66

FIG. 6

ACTUAL	PREDICTED	ERROR	WEIGHT	RATE	VECTOR
A	A	NO			
A	B	YES	0.8	30	24
A	C	YES	0.7	30	21
B	A	YES	0.8	50	40
B	B	NO			
B	C	YES	1.0	40	40
C	A	YES	0.3	30	9
C	B	YES	0.3	60	18
C	C	NO			

68

PERFORMANCE VALUE = 152

74

70

72